

-NVOLT

-VIRGND

-SIG GND

-AFTFT

-DOCIT

-DOCOT

SIG GND

SIG GND DPFDP

-SIG GND

DPFOT

Chassis

96-Pin E1

Engine

ECM

BARO

88888

Chassis

16-Pin E2

Engine

Circuit and Component Names

Ambient Air Temperature

AFTFD-H Aftertreatment Fuel Doser High

AFTFD-L Aftertreatment Fuel Doser Low AFTFIT Aftertreatment Fuel Inlet Temperature Aftertreatment Fuel Pressure 1 AFTFP2 Aftertreatment Fuel Pressure 2 AFTFS-H Aftertreatment Fuel Shutoff High ΔFTFS-I Aftertreatment Fuel Shutoff Low AFTFSV Aftertreatment Fuel Shutoff Valve APP1 Accelerator Pedal Position 1 APP2 Accelerator Pedal Position 2 CACOT Charge Air Cooler Outlet Temperature ccoss Crankcase Oil Seperator Speed Coolant Flow Valve CKP-H Crankshaft Position High CKP-L Crankshaft Position Low CMP-H Camshaft Position High CMP-L Camshaft Position Low CMV Coolant Mixer Valve DOCIT Diesel Oxidation Catalyst Inlet Temperature Diesel Oxidation Catalyst Outlet Temperature DPFDP Diesel Particulate Filter Differential Pressure DPFOT Diesel Particulate Filter Outlet Temperature FRP Exhaust Back Pressure Exhaust Back Pressure Valve EBPV Engine Compression Brake 1 ECB1 Engine Compression Brake 2 Engine Coolant Level ECM GND ECM Ground FCM PWR FCM Power Engine Coolant Temperature 1 ECT1 Engine Coolant Temperature 2 Engine Fan Control Engine Fan Speed EGRC Exhaust Gas Recirculation Control EGRP Exhaust Gas Recirculation Position EGRT Exhaust Gas Recirculation Temperature Engine Oil Level EOL Engine Oil Pressure Engine Oil Temperature EOT2 Engine Oil Temperature 2 ETC ETP Engine Throttle Control Engine Throttle Position ETV Engine Throttle Valve FDP Fuel Delivery Pressure Fuel Pressure Control Valve FRP Fuel Rail Pressure HS IAHR Humidity sensor Inlet Air Heater Relay Inlet Air Heater Relay Control IAHRD Inlet Air Heater Relay Diagnostic IAHRE Inlet Air Heater Relay Enable Inlet Air Heater Fuel Igniter IAHES Inlet Air Heater Fuel Solenoid Inlet Air Temperature IMP Intake Manifold Pressure IMT Intake Manifold Temperature J1939-H J1939 Data Link High J1939-L J1939 Data Link Low Mass Air Flow O2S Oxygen Sensor O2SH Oxygen Sensor Heater OWL Oil Warn Lamp Remote Accel Pedal Position RAPP RAS Resume Accel Switch Remote Preset PTO Remote Variable PTO Stand Alone Real Time Clock SIG GND Signal Ground SWBAT Switch Battery TACH Tachometer Turbocharger 1 Turbine Outlet Pressure TC1TOP Turbocharger 1 Wastegate Control Turbocharger 2 Wastegate Control Turbocharger 2 Compression Inlet Pressure TC2CIS Turbocharger 2 Compression Inlet Sensor TC2CIT Turbocharger 2 Compression Inlet Temperature TDF Transmission Driveline Engaged Transmission Oil Pressure Transmission Output Shaft Speed TOT Transmission Oil Temperature VREF Voltage Reference VSO Vehicle Speed Output Vehicle Speed Signal-H VSS-L Vehicle Speed Signal-L Warn Engine Lamp Water In Fuel Lamp Transfercase